

RECLAMATION

Managing Water in the West

San Luis Reservoir Low Point Improvement Project

**California Bay-Delta Public Advisory Water Supply
Subcommittee**

April 19, 2006



**U.S. Department of the Interior
Bureau of Reclamation**

Purpose of Briefing

To update the Water Supply Subcommittee on the status of the San Luis Reservoir Low Point Improvement Project

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Presentation Outline

- Background
- Need for Study
- Project Objectives
- Project Alternatives
- Project Schedule

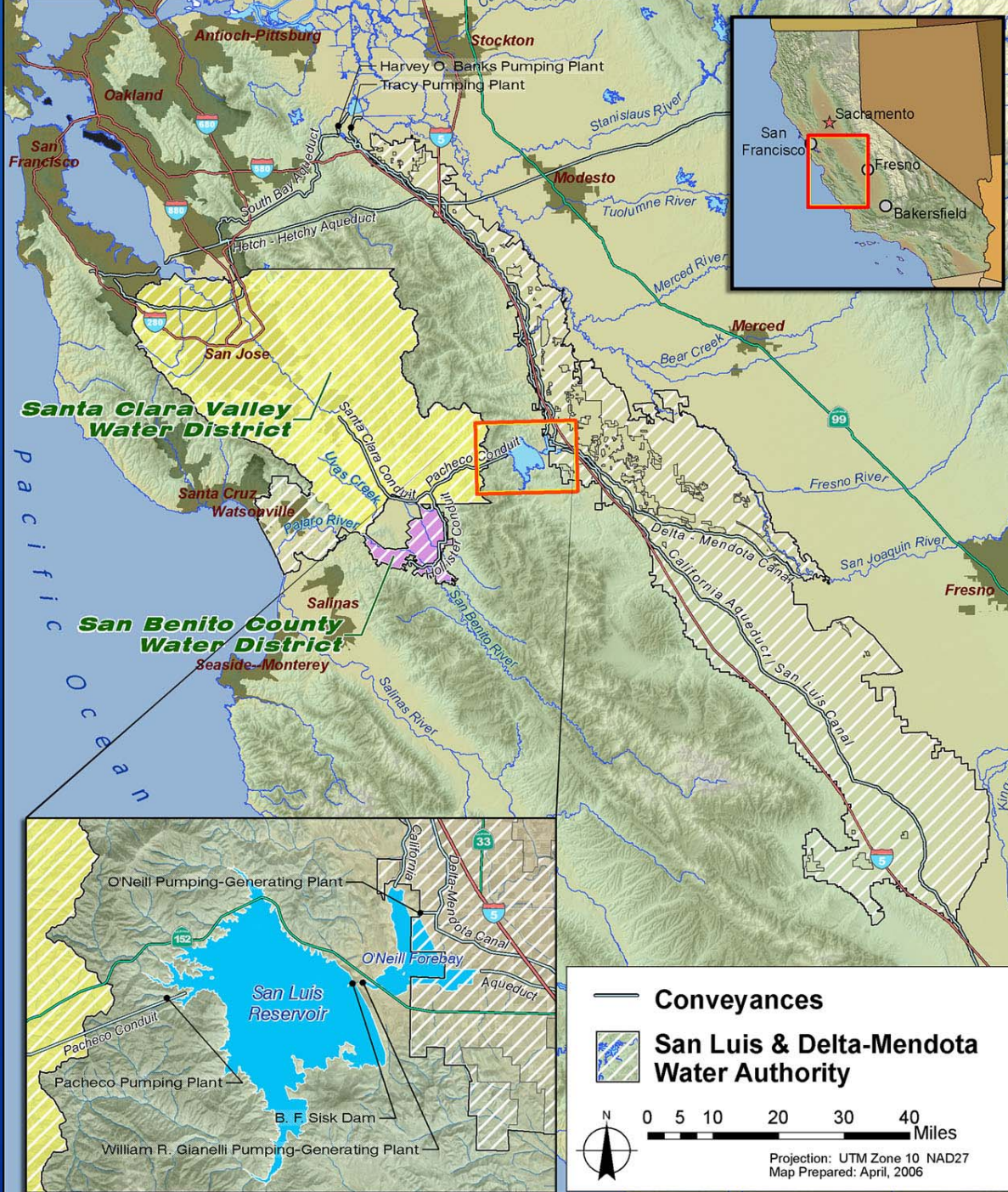
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Study Area

- The San Luis Reservoir including the entire service area of the San Luis & Delta-Mendota Water Authority (SLDMWA)

Non-Federal Participants

- Santa Clara Valley Water District (SLDMWA)



Project History

- **CALFED Record of Decision – August 2000**
- **Non-Federal Studies**
 - **DWR Proposition 13 Grant Awarded to Santa Clara Valley Water District– 2002**
 - **Engineering / Environmental Study of Alternative in ROD**
 - **Reclamation as NEPA Lead**

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Project History (continued)

- **Federal Studies**
 - **Appraisal Study – Initiated 2004 due May 2006**
 - **Federal Authorization for Feasibility Study–
October 2004**
 - **Federal Plan of Study (for Feasibility Study) – due
May 2006**

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Need for Study

- **Constrained operational flexibility of CVP system**
- **Conservative early CVP forecast may be limiting opportunities for south of Delta CVP deliveries**
- **Increase in uncertainties and concerns of water delivery reliability at lower water storage levels in San Luis Reservoir**

Study Objectives

Primary

- Increase the certainty of meeting the requested delivery schedule of annual allocations to San Luis Reservoir dependent CVP contractors

Secondary

- Increase reliability and quantity of annual allocations to CVP contractors
- Forecast the final allocation to San Luis Reservoir dependent CVP contractors earlier in the season

Project Alternatives

Previously Developed Alternatives

- Source water quality control: algae management
- Treatment: dissolved air flotation
- Conveyance
 - Lower San Felipe intake
 - Bypass San Luis Reservoir
- Storage: expand Pacheco Reservoir

Project Alternatives (continued)

Possible Additional Alternatives

- Reoperation
 - CVP San Luis Reservoir
 - Water distribution system of San Felipe Division contractors
- Combination solution: structural and non-structural measures

Project Schedule

- **Initial Alternatives Report: early 2007**
- **Plan Formulation Report: early 2008**
- **Feasibility / EIS / EIR Report: mid-2009**
- **ROD / Notice of Determination: late 2009**

Next Steps (April – Dec 2006)

- **Identify and fill technical data gaps**
 - **Collect and evaluate historical data**
 - **Develop method for reservoir modeling and evaluate data**
- **Develop and implement a Public Outreach Plan (with emphasis on outreach and information)**
- **Complete project scoping efforts**
- **Begin work on the Plan Formulation**

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